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<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=AND</i>			
<input type="checkbox"/>	L1	(lactobacil\$ or lactic or probiotic or pro-biotics or probiotics or probiotic).ti,ab,clm.	32722
<input type="checkbox"/>	L2	L1 near10 (composition or vaccine or pharmaceutical or pharmaceutic\$ or preparation or food or yogurt or yoghurt or yoghurt).ti,ab,clm.	7113
<input type="checkbox"/>	L3	abr1 or ab-r1 or ser1 or ser-1 or ser	2029420
		abr1 or ab-r1 or ser1 or ser-1 or ser2 or ser-2 or srr1 or srr-1 or sr-r1 or srr3 or sr-r3 or srr-3 or lvr3 or lv-r3 or lvr-3 or lvr4 or lvr-4 or lv-r4 or lab07 or lab-07 or lab7 or lab-7	565
<input type="checkbox"/>	L5	L4 and l2	2
<input type="checkbox"/>	L6	L4 not l5l2	565
<input type="checkbox"/>	L7	L4 not l5	563
<input type="checkbox"/>	L8	l4 same (strain or species or deposit or deposited or isolate)	32
<input type="checkbox"/>	L9	l4 same (strain or species or deposit or deposited or isolate)	32
<input type="checkbox"/>	L10	(lactobacil\$ or lactic or probiotic or pro-biotics or probiotics or probiotic).clm.	9076
<input type="checkbox"/>	L11	L10 same (composition or vaccine or pharmaceutical or pharmaceutic\$ or preparation or food or yogurt or yoghurt or yoghurt).clm.	3329
<input type="checkbox"/>	L12	L11 and acidosis!	41
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<input type="checkbox"/>	L14	L13 and l1	1

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## Search Results - Record(s) 1 through 41 of 41 returned.

- 1. [20040241260](#). 30 May 03. 02 Dec 04. Phytoestrogens and probiotic for women's health. Senin, Paolo, et al. 424/757; 424/762 424/93.45 514/167 A61K035/78 A61K031/59.
- 2. [20040214848](#). 30 May 02. 28 Oct 04. Inhibitors of ABC drug transporters in microbial cells. Schoenhard, Grant L.. 514/282; A61K031/485.
- 3. [20040197352](#). 18 Mar 04. 07 Oct 04. Methods of improving or augmenting kidney function. Ranganathan, Natarajan. 424/234.1; 424/400 435/252.5 C12N001/20.
- 4. [20040170617](#). 09 Dec 03. 02 Sep 04. Method of treating diseases associated with abnormal gastrointestinal flora. Finegold, Sydney M.. 424/93.45; A61K045/00.
- 5. [20040167062](#). 19 Dec 03. 26 Aug 04. Method for treating a mental disorder. Bolte, Ellen R.. 514/8; 514/11 514/192 514/200 514/37 A61K038/14 A61K038/13 A61K031/43.
- 6. [20040156882](#). 23 Oct 03. 12 Aug 04. Method and composition for feeding mammals. Davenport, David F., et al. 424/439; A61K047/00.
- 7. [20040105848](#). 30 Sep 03. 03 Jun 04. Enteric dialysis compositions and methods. Ranganathan, Natarajan. 424/93.44; A61K045/00.
- 8. [20040072794](#). 08 Oct 03. 15 Apr 04. Nutritional formulations containing synbiotic substances. Kaup, Susan M., et al. 514/54; 424/93.45 A61K045/00 A61K031/715.
- 9. [20040063780](#). 31 Oct 02. 01 Apr 04. Pharmaceutical preparations for treatment of type II diabetes and methods for treatment of type II diabetes. Matsuoka, Hiroharu, et al. 514/471; A61K031/34.
- 10. [20040062757](#). 07 Oct 03. 01 Apr 04. Method of testing gastrointestinal diseases associated with species of genus clostridium. Finegold, Sydney M.. 424/93.45; 424/93.6 514/192 514/200 514/29 514/8 A61K045/00 A61K038/14 A61K031/7048 A61K031/545 A61K031/43.
- 11. [20040060865](#). 24 Jun 03. 01 Apr 04. Buffered compositions for dialysis. Callan, Robin, et al. 210/646; 210/647 424/400 B01D061/26.
- 12. [20040043020](#). 08 Sep 03. 04 Mar 04. Immunogen adherence inhibitor directed to lactic acid producing organisms and method of making and using it. Nash, Peter, et al. 424/130.1; 435/70.21 A61K039/395 C12P021/04.
- 13. [20030149002](#). 08 Oct 02. 07 Aug 03. Compositions containing lysophosphotidic acids which inhibit apoptosis and uses thereof. Goddard, J. Graham, et al. 514/110; 435/1.1 A61K031/66 A01N001/02.
- 14. [20030143293](#). 31 Jan 02. 31 Jul 03. Compositions and methods for treating diarrhea. Shushunov, Sergei. 424/773; 424/130.1 514/152 514/192 514/200 514/312 514/37 A61K035/78 A61K039/395 A61K031/704 A61K031/65 A61K031/545 A61K031/47.

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□ 15. 20030134779. 23 Sep 02. 17 Jul 03. Method and composition for treatment and/or prevention of antibiotic-resistant microorganism infections. Diarra, Moussa S., et al. 514/6; 514/192 514/200 514/210.09 514/8 A61K038/40 A61K031/545 A61K031/397 A61K031/407.

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□ 16. 20030130171. 30 Oct 01. 10 Jul 03. Inhibitors of ABC drug transporters in multidrug resistant microbial cells. Schoenhard, Grant L.. 514/8; 514/11 514/152 514/155 514/192 514/200 514/253.08 514/282 514/29 514/291 514/312 514/34 514/37 514/46 A61K038/14 A61K038/13 A61K031/704 A61K031/7048 A61K031/7072 A61K031/7076 A61K031/496 A61K031/485 A61K031/4709.

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□ 17. 20030007953. 01 Aug 02. 09 Jan 03. Propionibacterium P-63 for use in direct fed microbials for animal feeds. Rehberger, Thomas, et al. 424/93.3; 424/442 A61K045/00 A23K001/165.

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□ 18. 20020187134. 15 May 01. 12 Dec 02. Prebiotic and probiotic compositions and methods for their use in gut-based therapies. Ranganathan, Natarajan, et al. 424/93.45; 514/54 A61K045/00 A61K031/715.

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□ 19. 20020013270. 25 May 01. 31 Jan 02. Method for treating a mental disorder. Bolte, Ellen R.. 514/8; 424/93.3 514/192 514/200 514/210.09 A61K038/16 A61K031/545 A61K031/397.

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□ 20. 20010034325. 18 Jan 01. 25 Oct 01. Dietary modulators of gamma glutamyl transpeptidase. Slesarev, Vladimir I.. 514/8; A61K038/16.

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□ 21. 6706287. 15 May 01; 16 Mar 04. Prebiotic and probiotic compositions and methods for their use in gut-based therapies. Ranganathan; Nataragan, et al. 424/490; 424/234.1 424/725 424/780. A61K009/50.

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□ 22. 6610206. 19 Oct 99; 26 Aug 03. Buffered compositions for dialysis. Callan; Robin, et al. 210/646; 210/647 424/665 514/557 514/574. A61K033/14 A61K031/19.

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□ 23. 6495532. 28 Feb 00; 17 Dec 02. Compositions containing lysophosphotidic acids which inhibit apoptosis and uses thereof. Bathurst; Ian C., et al. 514/110; 514/120 514/2 514/725 514/784 514/785. A61K031/66 A61K038/00 A61K031/07 A61K047/00.

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□ 24. 6468964. 25 Jul 01; 22 Oct 02. Control of acidic gut syndrome. Rowe; James Baber. 514/6; 514/152 514/200 514/31 514/311 514/37 514/54 514/770 514/8 514/9 514/926. A61K038/16 A61K038/00 A61K031/70 A61K031/715 A61K031/65.

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□ 25. 6313319. 24 May 00; 06 Nov 01. Method for purifying lactide and lactide for food additives. Ohara; Hitomi, et al. 549/274; 426/133 426/268 426/329 426/654. C07D319/12 A23L003/349.

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□ 26. 6184227. 20 Apr 99; 06 Feb 01. Salts of aminoimidazole carboxamide useful in the prevention and treatment of liver diseases. Karmali; Rashida A.. 514/274; 514/386. A61K031/4166 A61K031/506.

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□ 27. 6166007. 10 May 99; 26 Dec 00. Antimicrobial locks comprising taurinamide derivatives and carboxylic acids and/or salts thereof. Sodemann; Klaus. 514/222.5; 514/152 514/223.2 514/24. A61K031/54 A61K031/65 A61K031/70.

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□ 28. 6033689. 14 Feb 97; 07 Mar 00. Animal feed composition of soluble sugar and dicarboxylic acid. Waterman; Douglas F., et al. 426/2; 424/438 424/442 426/630 426/639 426/71 426/72 426/807. A01K029/00 A23L029/00.

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29. 6013858. 31 Oct 97; 11 Jan 00. Mouse lacking heart-muscle adenine nucleotide translocator protein and methods. Wallace; Douglas C., et al. 800/18; 435/320.1 435/325 435/455 435/463 800/21 800/22 800/25 800/3 800/9. C12N015/09 C12N015/63 C12N015/00 C12N005/00.

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30. 5837238. 05 Jun 96; 17 Nov 98. Treatment of diarrhea. Casas; Ivan A., et al. 424/93.45; 435/252.9. C12N005/00 A01N063/00.

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31. 5643951. 05 Jun 95; 01 Jul 97. Compositions comprising carbonate/bicarbonate buffered dichloroacetic acid and methods for treatment of metabolic and cardiovascular disorders. Stacpoole; Peter W., et al. 514/557; 514/715 514/717 514/824 514/866. A61K031/19 A61K031/075.

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32. 5534271. 16 Nov 94; 09 Jul 96. Process for improving the utilization of feedstuffs by ruminants. Ware; Douglas R., et al. 426/2; 426/52 426/54 426/61. A23K001/18 A61K035/74.

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33. 5529793. 16 Nov 94; 25 Jun 96. Compositions for improving the utilization of feedstuffs by ruminants. Garner; Bryan E., et al. 426/61; 426/2 426/52 426/53 426/54. A23K001/18.

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34. 5501857. 09 May 94; 26 Mar 96. Oral nutritional and dietary composition. Zimmer; William A.. 424/438; 424/451 424/453 424/454 424/456 426/807. A23K001/18.

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35. 4879280. 04 Oct 85; 07 Nov 89. Dialysis solution for use in intraperitoneal dialysis. Seyffart; Gunther, et al. 514/53; 514/54. A61K031/70.

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36. 4849227. 03 Mar 87; 18 Jul 89. Pharmaceutical compositions. Cho; Young W.. 424/498; 424/456 424/460 424/461 424/463 424/476 424/490 424/499. A61K009/16 A61K009/50.

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37. 4801597. 11 Jun 85; 31 Jan 89. Certain inositol-nicotinate ester derivatives and polyionic complexes therefore useful for treating diabetes meuitus, hyperlipidemia and lactic acidosis. Stacpoole; Peter W., et al. 514/332; 546/263 546/318 987/229. C07D401/12 A61K031/44.

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38. 4784851. 17 Mar 87; 15 Nov 88. Composition for treatment of acidosis in ruminants and method. Rohwer; Gary L.. 424/687; 424/438 424/715 424/717. A61K031/10 A61K033/00.

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39. 4558050. 01 Mar 84; 10 Dec 85. Treatment of metabolic disorders with dichloroacetate-thiamine preparations. Stacpoole; Peter W.. 514/276; 544/327. A61K031/505 C07D239/02 C07D415/00.

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40. 4174399. 10 Jul 78; 13 Nov 79. Treatment of lactic acidosis in ruminants. Kluge; Arthur F., et al. 514/195; 514/196 514/197. A61K031/43 C07D499/78.

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41. 4138498. 07 Dec 76; 06 Feb 79. Ruminant feed additive. Das; Naba K.. 426/2; 424/93.3 426/61 426/623 426/630 426/636 426/807. A23K001/18.

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L5: Entry 2 of 2

File: DWPI

Jan 11, 2001

DERWENT-ACC-NO: 2001-080929

DERWENT-WEEK: 200143

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**TITLE:** Vaccine for preventing lactic acidosis and for inducing an immune response in a vertebrate comprises an isolated microorganism, or fragment, that can produce lactic acid in the gut of the vertebrate

**Basic Abstract Text (1):**

NOVELTY - A vaccine (V) for the prevention of lactic acidosis in a vertebrate comprises an isolated microorganism (A), or fragment, that can produce lactic acid in the gut of the vertebrate, and that is a Clostridium-like, Prevotella-like, Bacteroides-like, Enterococcus-like, Selenomonas, or non-dextran slime producing Streptococcus species, or non-sludge producing lactic acid bacterial isolates, is new.

**Basic Abstract Text (3):**

(1) a pharmaceutical composition for the prevention of lactic acidosis in a vertebrate comprising (A) and a carrier, adjuvant and/or diluent;

**Basic Abstract Text (25):**

(15) an isolated culture of a microorganism that is Streptococcus bovis (SbR1) (NM99/04455), Streptococcus equinus (SER1) (NM99/04456), Streptococcus equinus (SER2) (NM99/04457), Selenomonas ruminantium (SRR1) (NM99/04458), Selenomonas ruminantium (SRR3) (NM99/04460), Clostridium-like vitulinus (LVR3) (NM99/04461), Clostridium-like vitulinus (LVR4) (NM99/04462), Prevotella-like isolates LAB01 (NM00/12630) or LAB03 (NM00/12632), Bacteroides-like isolate LAB07 (NM00/12636), Enterococcus-like isolate LAB05 (NM00/12634), Streptococcus bovis (SbR1), non-dextran slime producing Streptococcus isolate LAB04 (NM00/12633), or non-sludge producing lactic acid bacterial isolates LAB02 (NM00/12631), LAB06 (NM00/12635) or LAB08 (NM00/12637).

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21. 6706287. 15 May 01; 16 Mar 04. Prebiotic and probiotic compositions and methods for their use in gut-based therapies. Ranganathan; Nataragan, et al. 424/490; 424/234.1 424/725 424/780. A61K009/50.

□ 22. 6610206. 19 Oct 99; 26 Aug 03. Buffered compositions for dialysis. Callan; Robin, et al. 210/646; 210/647 424/665 514/557 514/574. A61K033/14 A61K031/19.

□ 23. 6495532. 28 Feb 00; 17 Dec 02. Compositions containing lysophosphotidic acids which inhibit apoptosis and uses thereof. Bathurst; Ian C., et al. 514/110; 514/120 514/2 514/725 514/784 514/785. A61K031/66 A61K038/00 A61K031/07 A61K047/00.

□ 24. 6468964. 25 Jul 01; 22 Oct 02. Control of acidic gut syndrome. Rowe; James Baber. 514/6; 514/152 514/200 514/31 514/311 514/37 514/54 514/770 514/8 514/9 514/926. A61K038/16 A61K038/00 A61K031/70 A61K031/715 A61K031/65.

□ 25. 6313319. 24 May 00; 06 Nov 01. Method for purifying lactide and lactide for food additives. Ohara; Hitomi, et al. 549/274; 426/133 426/268 426/329 426/654. C07D319/12 A23L003/349.

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□ 27. 6166007. 10 May 99; 26 Dec 00. Antimicrobial locks comprising taurinamide derivatives and carboxylic acids and/or salts thereof. Sodemann; Klaus. 514/222.5; 514/152 514/223.2 514/24. A61K031/54 A61K031/65 A61K031/70.

□ 28. 6033689. 14 Feb 97; 07 Mar 00. Animal feed composition of soluble sugar and dicarboxylic acid. Waterman; Douglas F., et al. 426/2; 424/438 424/442 426/630 426/639 426/71 426/72 426/807. A01K029/00 A23L029/00.

□ 29. 6013858. 31 Oct 97; 11 Jan 00. Mouse lacking heart-muscle adenine nucleotide translocator protein and methods. Wallace; Douglas C., et al. 800/18; 435/320.1 435/325 435/455 435/463 800/21 800/22 800/25 800/3 800/9. C12N015/09 C12N015/63 C12N015/00 C12N005/00.

□ 30. 5837238. 05 Jun 96; 17 Nov 98. Treatment of diarrhea. Casas; Ivan A., et al. 424/93.45; 435/252.9. C12N005/00 A01N063/00.

□ 31. 5643951. 05 Jun 95; 01 Jul 97. Compositions comprising carbonate/bicarbonate buffered dichloroacetic acid and methods for treatment of metabolic and cardiovascular disorders. Stacpoole; Peter W., et al. 514/557; 514/715 514/717 514/824 514/866. A61K031/19 A61K031/075.

□ 32. 5534271. 16 Nov 94; 09 Jul 96. Process for improving the utilization of feedstuffs by ruminants. Ware; Douglas R., et al. 426/2; 426/52 426/54 426/61. A23K001/18 A61K035/74.

□ 33. 5529793. 16 Nov 94; 25 Jun 96. Compositions for improving the utilization of feedstuffs by ruminants. Garner; Bryan E., et al. 426/61; 426/2 426/52 426/53 426/54. A23K001/18.

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□ 41. 4138498. 07 Dec 76; 06 Feb 79. Ruminant feed additive. Das; Naba K.. 426/2; 424/93.3 426/61 426/623 426/630 426/636 426/807. A23K001/18.

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